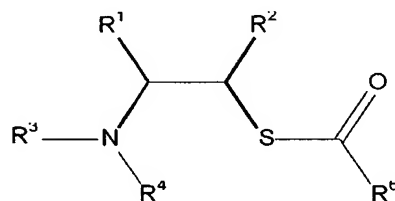


ABSTRACT

The present invention discloses an acylated derivative of an aminothiols compound having a general formula II wherein R^1 - R^4 and R^6 are substitutable ligands. Such compounds can perform as superior catalysts in asymmetric addition reactions of organic zinc and aldehyde. According to the present invention, only less than 0.02% of the acylated derivative is needed to obtain high enantioselectivity over 99% enantiomeric excess.



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